

Product Data Sheet

Product Name: DL-Asparagine

Cat. No.: GC61431

Chemical Properties

Cas. No. 3130-87-8

SMILES NC(C(O)=O)CC(N)=O

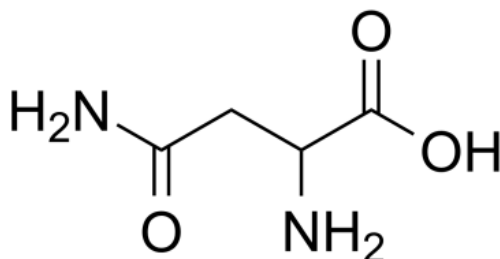
Formula $C_4H_8N_2O_3$ M.Wt 132.12

Solubility H_2O : 50 mg/mL (378.44 mM; Need ultrasonic) Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

DL-Asparagine is a racemic melange of the Asparagine L and D-enantiomers. DL-Asparagine has been used in growth-media for bacteria-growth[1].

[1]. Nabila Moussa Slimane, et al. dl-Asparaginium nitrate. Acta Crystallogr Sect E Struct Rep Online. 2009 Aug 19;65(Pt 9):o2180-1.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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